

WARRANTY & SERVICE

ORION Industries Inc. warrants this product to be free from defects in material and workmanship under the following terms:

Parts and Labor are warranted for a period of 3 years IF:

- a. The product is purchased from an Authorized ORION Dealer
- b. The product is installed by an Authorized ORION Dealer

Parts and Labor are warranted for a period of 1 years IF:

- a. The product is purchased from an Authorized ORION Dealer
- b. The product is NOT installed by an Authorized ORION Dealer

Parts and Labor are warranted for a period of 90 days IF:

- a. The product is NOT purchased from an Authorized ORION Dealer

If you are uncertain as to whether your dealer is authorized, please contact ORION at 602-705-5600. In countries other than the USA, each distributor warrants the ORION product it sells.

The following conditions and situations are NOT covered by this warranty:

Any product on which the serial number has been defaced, modified or removed, damage or malfunction resulting from:

- a. Accident, misuse, abuse, unauthorized modification or failure to follow the instructions provided with this product.
- b. Repair by anyone NOT authorized by ORION.
- c. Damage due to shipping (these claims must be presented to the freight carrier).
- d. Removal or installation of this product.
- e. Any failure that has NOT been caused by a defect in material or workmanship.

This warranty is in effect for the original purchaser only. ORION will pay for labor and material expense for covered items. ORION does not cover removal or installation charges, payment of shipping charges to ORION, payment of OUT-OF-WARRANTY shipping charges, or damage to other property caused by any defects in this product.

For IN-WARRANTY service, you must include a copy of the original, dated sales receipt, including serial number, from an Authorized ORION Dealer. Please also provide your name, return street address (No P.O. Boxes) and a detailed description of the problem.

For out-of-warranty products, please include an ORION E-Z Repair Form. These are available by contacting ORION Repair at 1-888-362-5283 or 602-705-5600 and ask for the Repair Department.

- If you do not have the original packaging, the product must be packaged to prevent damage during shipment.
- When sending in a product for service or repair, be sure to write down the serial number for future reference.
- It is not necessary to send your plugs with the amplifier.

ORION Industries Inc., ATTN: Repair Department
9235 South McKemy Street • Tempe, Arizona 85284 USA

Exclusion

1. This warranty is in lieu of all other warranties expressed or implied.
2. In no event will ORION be liable for any consequential damages resulting from the use of this product or any defect of this product.

This Warranty gives you specific legal rights. You may also have other rights which vary from state to state.

pn#8900-0500 2/22/99



RGC-1 REMOTE GAIN CONTROLLER



RGC-1 REMOTE GAIN CONTROL

INTRODUCTION

The **RGC-1** remote gain control is specifically design specifically for use with ORION amplifiers. The **RGC-1** allows dashboard control of level of your XTREME or HCCA amplifier. Used on subwoofer amplifiers, it provides subwoofer level control. Used on the first amplifier in a daisy-chain, it works as a remote pre-amp volume control.

WARNING!

The **RGC-1** can be used **only** ORION amplifiers that have an 1/8" mini-jack remote gain port on the connection panel.. Using the **RGC-1** with other Orion products **will damage the system**.

OPERATION

The **RGC-1** is shipped in its retracted position. To adjust the control, press and release the knob. The knob will then extend so it can be adjusted.

Clockwise rotation of the RGC-1 control knob increases the gain of the amplifier. Counterclockwise rotation reduces lowers output. See the "Adjustment" section for information on how to set the various level controls in the system to get the proper range of operation from the RGC-1. The control knob may be pushed in to its retracted position after it is adjusted.

WIRING

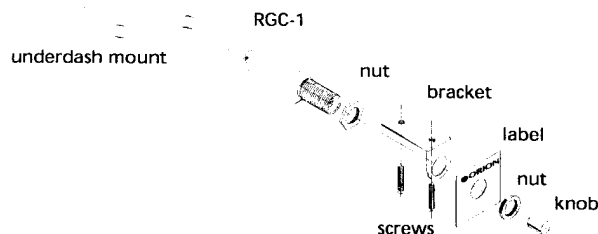
Connect the **RGC-1** to the ORION amplifier connector with the attached 1/8" mini-plug cable. If your system requires a longer cable, a standard headphone extension cable may be used.

The **RGC-1** has night-time illumination provided by a green/white and a red/white power wires. For red color illumination, connect the red/white wire to a +12 Vdc source and the green/white wire to chassis ground. For green illumination, connect the green/white wire to a +12 Vdc source and the red/white wire to chassis ground. This feature is optional but makes it easy to locate the **RGC-1** at night.

INSTALLATION

Under Dash Mounting

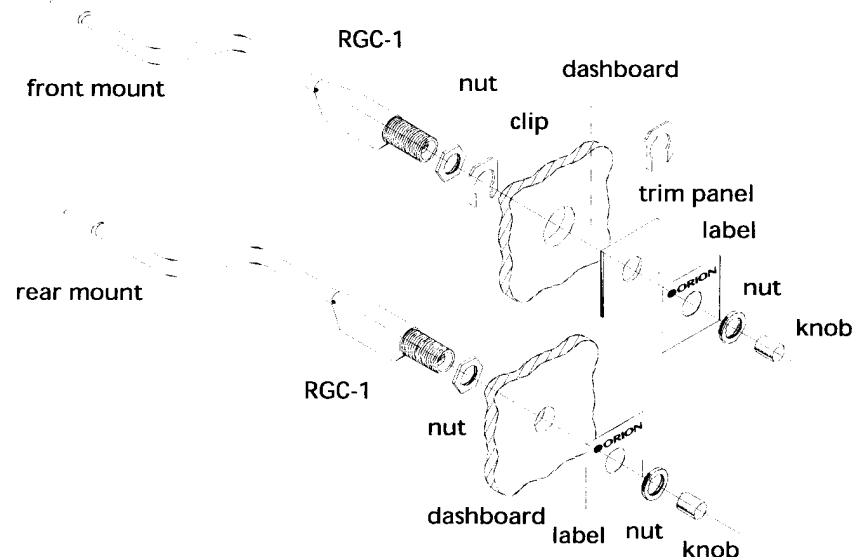
To mount **RGC-1** under the dash or in an area that cannot be drilled through to accommodate the control, use the supplied under dash mounting bracket. Find a suitable location easy to reach while driving that does not interfere with the operation of the vehicle. Screw the bracket in place using two screws, and secure the RGC-1 to the bracket as illustrated below.



In-Dash Mounting

To mount the **RGC-1** in the dash panel when there is access behind the panel, you need to drill a 1/2" diameter mounting hole. Follow the illustrations below for mounting.

If there is no access to the back side of the panel a 3/4" diameter access hole will be needed to pass the entire **RGC-1** through the hole. Once the control is through the hole, the clip, illustrated below, may be passed through the hole and slid around the threaded control body. The trim panel and nut will then secure the control in place.



ADJUSTMENT PROCEDURE

1. Set the gain controls of the amplifier according to the "**Adjusting the Sound of your System**" Section of your amplifier owners manual. The amplifier primary gain controls determine the maximum output level the amplifier will be allowed to play.
2. Set the control knob of the **RGC-1** at its mid-rotation point.
3. Check the output level of the subwoofer. The amount of bass can be increased or decreased dependent on music type and preference. For safety and reliability of the amplifier and woofers,

WARNING!

DO NOT increase the amplifier gain without repeating *Step 1*. Failure to do so may result in damage to your amplifier and speakers which is not covered under warranty.